Scratch MACHINE

Software User Manual

Version 1.1

Scratch MACHINE

UVI

End User License Agreement (EULA)

Do not use this product until the following license agreement is understood and accepted. By using this product, or allowing anyone else to do so, you are accepting this agreement.

Scratch Machine (henceforth 'the Product') is licensed to you as the end user. Please read this Agreement carefully. You cannot transfer ownership of these Sounds and Software they contain. You cannot re-sell or copy the Product.

LICENSE AND PROTECTION

1. License Grant
UVI grants to you, subject to the following terms and conditions, a non-exclusive, non-transferable right to use each authorized copy of the Product.

The product is the property of UVI and is licensed to you only for use as part of a musical performance, live or recorded. This license expressly forbids resale or other distribution of the sounds and software included in the Product or their derivatives, either as they exist on disc, reformatted for use in another digital sampler, or mixed, combined, filtered, resynthesized or otherwise edited, for use as sounds, multi-sounds, samples, multi-samples, wavetables, programs or patches in a sampler, microchip or any hardware or software sample playback device.

You cannot sell the Product content or give it away for use by others in their sampling or sample playback devices. In the event UVI terminates this agreement due to your breach, you agree to return the original and all other copies of the software and documentation to UVI.

UVI reserves all rights not expressly granted to herein.

2. Protection of Software
You agree to take all reasonable steps to protect the product and any accompanying documentation from unauthorized copying or use. You agree not to modify the product to circumvent any method or means adopted or implemented by UVI to protect against or discourage the unlicensed use of copying of the Product.

3. Ownership
As between you and UVI, ownership of, and title to, the enclosed digitally recorded sounds (including any copies) are held by UVI. Copies are provided to you only to enable you to exercise your rights under the license.

4. Term
This agreement is effective from the date you open this package, and will remain in full force until termination. This agreement will terminate if you break any of the terms or conditions of this agreement. Upon termination you agree to destroy and return to UVI all copies of this product and accompanying documentation.

5. Restrictions
Except as expressly authorized in this agreement, you may not rent, sell, lease, sub-license, distribute, transfer, copy, reproduce, display, modify or time share the enclosed product or documentation.

©2015 UVI, all rights reserved.
All trademarks are the property of their respective owners

Table of Contents

Introduction 4

System Requirements 5

Installation

- Step 1: Register Your Serial Number 6
- Step 2: Activate Your License 7
- Step 3: Install Your Instrument 8
- Step 4: Load Your Instrument 9

User Interface 10

- Accessing Library WAV files 12
- Preset List 13

UVI Workstation: Tips and Tricks 14

Links 15

Credits and Thanks 16

Introduction

There's no way to accurately reproduce the experience of scratching without a turntable but we've come pretty close with Scratch Machine. Grab a keyboard or pad controller, load up one of the classic sounds like 'Fresh' or a Speak'n'Spell and go crazy! All sounds were recorded directly from decks masterfully controlled by our resident turntablist and scratch artist DJ Quartz, delivering the authentic sound of vinyl in a truly expressive and highly-addictive instrument.

Take your performance a step further by dialing in the independent pitch and speed controls. Then create complex builds and breakdowns by triggering the 6 built-in effects including 2 delays, a phaser, a bit crusher, a reverb and a repeater from your controller keyboard. Add a 3-band EQ and a resonant filter and it's like having a professional mixer and effect boxes right at your fingertips!

Included with Scratch Machine is a huge library of samples and phrases. Over 4,200 phrases in all, covering a variety of the classics including vocal phrases, break beats and even scratched Speak n' Spell samples. All phrases are now available for use in UVI Workstation or your DAW of choice, just drag n' drop them wherever needed! Sample content for Scratch Machine was recorded at the highest quality and mastered to perfection.

A great addition for use in hip hop, urban, dance and more!

System Requirements

Compatibility

Audio Units, VST, MAS, AAX, RTAS or standalone
UVI Workstation 2.5.9 or higher

Minimum System Requirements

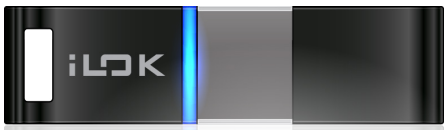
- Intel CPU
- 4 GB of RAM (8 GB+ recommended)
- 3 GB of disk space
- Mac OS X 10.7 or higher
- iLok account (free, dongle not required)

Compatibility

VST, AAX, RTAS or standalone
UVI Workstation 2.5.9 or higher

Minimum System Requirements

- Core Duo or faster
- 4 GB of RAM (8 GB+ recommended)
- 3 GB of disk space
- Windows 7 or higher
- iLok account (free, dongle not required)



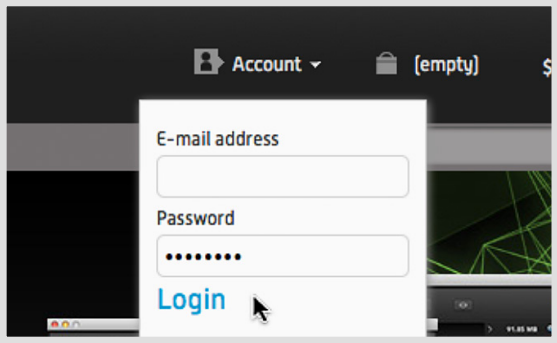
Authorize the Way You Want

Your license allows 3 concurrent authorizations on any combination of computers and iLok dongles.
License management is a simple drag-and-drop process done through iLok License Manager.
Visit ilok.com/ to download iLok License Manager and create your free account.

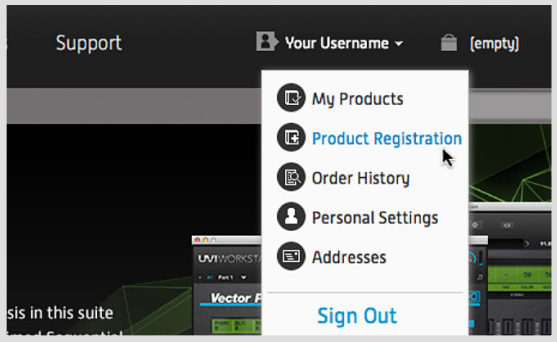
Step 1 Register Your Serial Number

- You must have an account on uvi.net/ and ilok.com/ prior to registration
- If you purchased a **physical version** of this product, your serial number is located on the inside of the box
- If you purchased an **electronic version** of this product, your serial number will be included in a confirmation email
- You can see a list of the products you've registered and their serial numbers anytime at uvi.net/my-products

1. Login to your account on uvi.net/

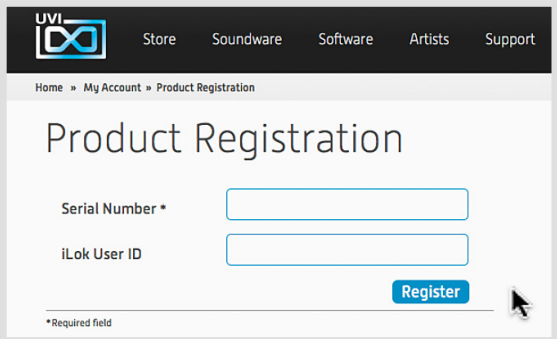


2. Navigate to the 'Product Registration' page



3. Enter your details and click 'Register'

   Upon completion a new license will be deposited in your iLok account



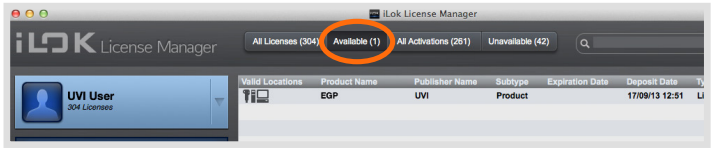
Step 2 Activate Your License

- iLok License Manager is required for activation, download the newest version at ilok.com/ilm.html
- Your license allows up to 3 concurrent activations on any combination of iLok dongles and computers
- Activations can be moved between devices at anytime

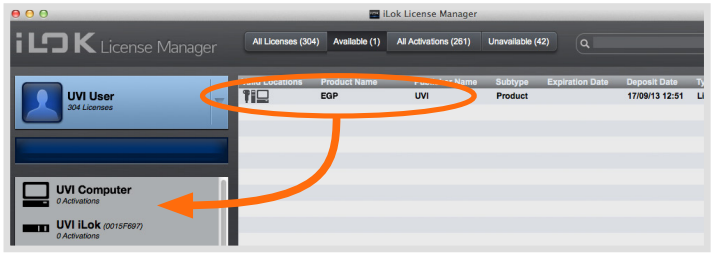
1. Launch iLok License Manager

2. Login to your account

3. Click the 'Available' tab

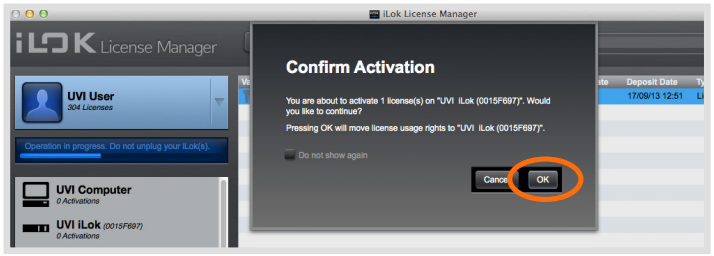


4. Drag the license to your computer or an iLok dongle



5. Click 'Ok' to confirm the activation

   The process is complete, your device is now authorized



» To see how many authorizations you have left simply select the license and click 'Show Details'
» To deactivate your license, right-click it and select 'Deactivate' — doing so will return your license to the 'Available' tab

Step 3 Install Your Instrument

- UVI Instruments can be stored anywhere on your system
- Storing your instruments on a fast drive will improve performance
- Your instruments can be downloaded at any time from uvi.net/my-products

1. Create a folder on your computer and place your UVI Instruments in it
   Once this is done we need to tell UVI Workstation where to find your instruments.
   We do this by creating a watch folder, follow the steps below to create your own:

2. Open UVI Workstation

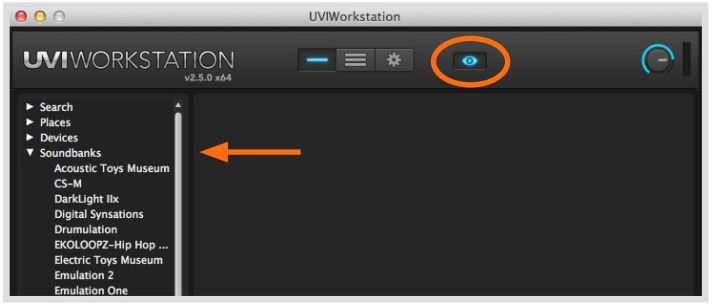
3. Click the Settings page

4. Click the 'Sound Banks' tab

5. Click the '...' button and select the folder where you've placed your instruments

6. Restart UVI Workstation and open the Browser

   Your instruments will be available under the 'Soundbanks' tab

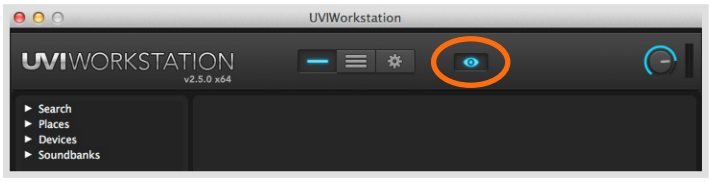


Step 4 Load Your Instrument

- UVI Workstation is required to run UVI Instruments
- The newest version of UVI Workstation can be downloaded free at uvi.net/downloads
- UVI Workstation can be run as a standalone program or as a virtual instrument from within your DAW of choice

1. Open UVI Workstation

2. Click the Browser icon



3. Open the Sound Banks tab

4. Select a product, in this example we'll choose Vector Pro, then select an instrument and patch

   Double-click the patch to load it

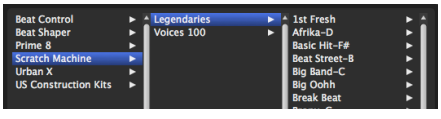
5. The UI appears and you're ready to jam!

User Interface

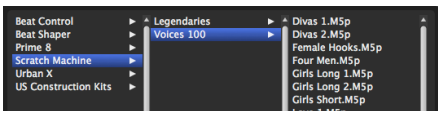
Scratch Machine content is divided into two sections: Legendaries and Voices. Legendaries are easily recognized, iconic cuts such as the classic "Fresh" and "Ahhh" that have been extensively sampled to allow for a great deal of expression. Voice presets are made up of a wider variety of material and can offer many creative options. Scratch Machines UI and control set is the same regardless of which type of preset you use.

MIDI mapping varies slightly between the two sections as Legendaries have a large section devoted to their primary phrase.

Legendaries:



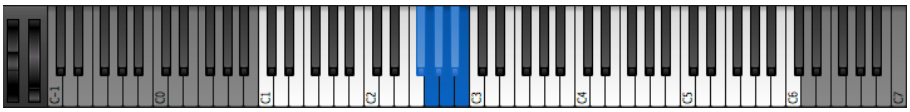
Voices:



MIDI Mapping – Legendaries

»	Normal Move in/Out	E1/F1	»	Delay 1	F#2
»	Slow Move in/Out	G1/A1	»	Delay 2	G2
»	Fast Move in/Out	F#1/G#1	»	Reverb	G#2
»	Special Move in/Out	A#1/B1	»	Phaser	A2
»	DJs Choice Moves	C2-F2	»	Crusher	A#2
»	Phrases	C3-C6	»	Repeat	B2

MIDI Mapping – Voices



»	Phrases 1	C1-F2	»	Reverb	G#2
»	Phrases 2	C3-C6	»	Phaser	A2
»	Delay 1	F#2	»	Crusher	A#2
»	Delay 2	G2	»	Repeat	B2

User Interface (continued)

1 Speed

» **X2 / NORMAL / 1/2**
Sample playback speed: 1x, 2x or 1/2

2 Pitch Adjust

» **Slider**
Tune control (-12/+12 semitone max) to match the sample pitch to your song. LED lights when neutral (0).

» **Reset**
Resets the slider to neutral (0)

3 Pitch Bend Range

The Pitch Bend control on your MIDI keyboard functions as a playable speed control. Pitch Bend Range allows this to be scaled in semitones of incidence in pitch: 1-24 semitones (especially useful on voices)

4 Equalizer

» **LOW / MID / HIGH**
3-band EQ allows up to 24dB of attenuation or gain per band

5 Release & Round Robins

» **Release Level**
Adjust the volume of release samples

Sample
The following controls are specific to the Legendary patch/samples:

» **RoundR**
Samples triggered in round robin style

» **Velocity**
Sample number derived from velocity

» **Manual**
Sample selected manually with LCD (for precise control)

6 LP/HP Filter

» **Slider**
LEFT: LP enable + cutoff freq
CENTER: bypass
RIGHT: HP enable + cutoff freq

» **Resonance**
Filter resonance amount

7 Effects

All effects can be triggered with a MIDI keyboard for expressive, real-time sound shaping using F#2-B2

» **Delay 1 / F#2**
Mix amount and bypass button

» **Delay 2 / G2**
Mix amount and bypass button

» **Reverb / G#2**
Mix amount and bypass button

» **Phaser / A2**
Speed amount and bypass button

» **Crusher / A#2**
Mix amount and bypass button

» **Repeat / B2**
Repeat time (1/2 to 1/64th-triplet) and bypass button

Modwheel

Your MIDI keyboards modwheel serves as a playable volume control

Right-click any parameter to assign a MIDI CC control

Accessing Library WAV Files

Phrases in Scratch Machine can be drag n' dropped as WAV files anywhere you need them.
To access individual phrase WAV files:

1. Browse to Scratch Machine in UVI Workstation
2. Select the desired category, preset and WAV file from the list
3. Drag the WAV file from the list to your desktop or DAW of choice

Scratch Machine : Preset List

Presets

Legendaries Scratches

1st Fresh
Afrika-D
Basic Hit-F#
Beat Street-B
Big Band-C
Big Oohh
Break Beat
Bronx-G
Chic-E
Classic Aahh
Classic Hit-A
Ending-C#
Funky Aahh
Funky Brass 1-A#
Funky Brass 2-C
Funky Brass 3-A#
Graff Hit
Hit Time
Lo Brass-A#
Mister Gadget-B
Monster-A
Paranoia
Samba
Saxo-G
Stab-A#
String Hit-E
Symph Hit-F#
Urban Hit
Vocal Hit

Voices Scratches

Divas 1
Divas 2
Female Hooks
Four Men
Girls Long 1
Girls Long 2
Girls Short
Love 1
Love 2
One Word
Scats 1
Scats 2
Speak n Spell 1
Speak n Spell 2
Voice FX
Vowels

UVI Workstation: Tips + Tricks

MIDI Learn

Most UVI Workstation parameters can be automated via. a convenient MIDI Learn. MIDI Learn allows you to bind a physical MIDI controller to specific parameters within UVI Workstation.

- Any FX tab parameter, Macro Knob or Slider in UVI instruments can use the MIDI Learn feature
- The MIDI controller type and the MIDI Channel assignment will be saved with the multi or with your song in the host sequencer
- Automation is assigned per-part

To use MIDI Learn:
1. Right-click the parameter in UVI Workstation that you want to automate
2. After the MIDI Learn dialog appears, Trigger the desired MIDI input controller (knob, fader etc.)

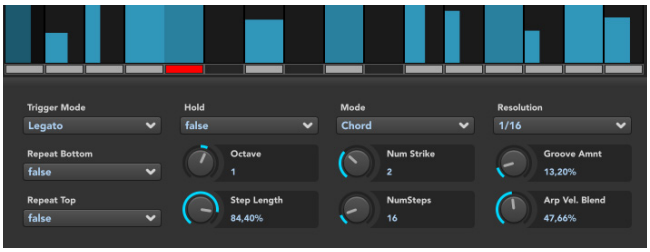
To remove a MIDI controller assignment:
Right-click the desired parameter and press “Delete”

Unlimited FX

UVI Workstation offers a wide variety of FX, or effect processors, to cover all your audio processing needs. The FX implementation is robust and includes the ability to insert unlimited FX slots in several stages of the signal flow.

- Click the “FX” tab to open the FX page on the Single view
- In Multi view the FX section is always displayed

Arpeggiator

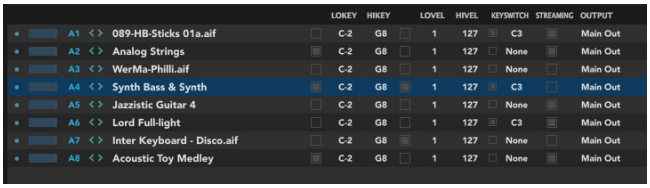


UVI Workstation comes equipped with a robust arpeggiator. To insert an arpeggiator in a part, you need to display the Single view in the UVI Workstation, then click on the note icon. The arpeggiator can be employed as a pattern gate, arpeggiator, or even an advanced rhythmic processor for your live MIDI performance or sequenced MIDI tracks. Arpeggiators can be inserted in an unlimited number of parts.

Preset Stacking

Thanks to the simplicity of the UVI Workstation you can stack as many preset as you want by simply assign multiple part on the same MIDI channel.

Split, Velocity & Key Switch



The Keyswitch settings allow you to load multiple presets into two or more parts and dynamically play and mute them from your MIDI controller using key switching, note range, velocity range or any combination of the three parameters. This powerful feature gives you a great deal of real-time control.

Scroll Wheel

All knobs can be adjusted with the scroll wheel on your mouse. When you double-click on any knob or slider, you can manually enter or type in the desired value.

Links

UVI

Home . . . . . uvi.net/

Download UVI Workstation and User Manuals . . . . . uvi.net/downloads

Your Registered Product Serial Numbers and Download Links. . . . . uvi.net/my-products

FAQ . . . . . uvi.net/faq

Tutorial and Demo Videos . . . . . youtube.com/

Support . . . . . uvi.net/contact-support

iLok

Home . . . . . ilok.com/

iLok License Manager . . . . . ilok.com/ilm.html

FAQ . . . . . ilok.com/supportfaq

Scratch MACHINE

Credits and Thanks

Produced by UVI

Recording / Editing / Sound Design
Damien Vallet
Kevin Guilhaumou
Alain J Etchart
Emmanuel Usai
Geoffroy Soulaine

Software + Scripting
Olivier Tristan
Remy Muller

UI + Design
Nathaniel Reeves

Special Thanks
Chris Gerhringer @ Sterling Sound
DJ Quartz

UVI™

UVI.NET